

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Singh, Y. et al.

Serial No.: Herewith

Group Art Unit: TBD

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Examiner: TBD

Title: A NOVEL PROTEIN MOLECULE USEFUL FOR ANTHRAX TOXIN
INHIBITION IN VIVO

Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination and prior to the calculation of the filing fee, please amend this application as follows:

In the claims:

Please replace claim 11 with replacement claim 11:

11. A method for developing the novel recombinant anthrax toxin inhibitor protein as claimed in claim 1, said method comprising steps of:

i) mutagenesis using the PCR primers:

Primer 1:

5'< ATT ACT AAA TCC TGC AGA TGT AGT GAT ATT ACC AGT AAA GCC GTT
CTG ATA CCC TGC TGA AAT TGA AAC TCC TAC AGT ATT AGC ATC CCT
ACT TGT AGA AGT ATT TTT AC >3'

Primer 2:

5'< GT GAT TAA TAA AGC TTC TAA TTC >3'

ii) cloning the amplified mutated fragment into the appropriate vector and inserting it into an appropriate host for expression of the mutated gene,

iii) purifying the mutant protein followed by characterization of the expressed mutant protein,